



MATERIAL SAFETY DATA SHEET

2041

SECTION 1 PRODUCT IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: EXTERIOR INSTANT SHINE
PRODUCT CODE: 2041
GENERIC NAME: MIXTURE

COMPANY HI-LUSTRE PRODUCTS, INC.
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24 HOUR EMERGENCY TELEPHONE NUMBERS NORTH AMERICA: 800-633-8253
Spill, Leak, Fire or Accident Call PERS INTERNATIONAL: 801-629-0667

USA - NATIONAL POISON CONTROL SYSTEM LOCAL POISON ACTION LINE: 800-222-1222

SECTION 2 HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	%
Aliphatic Petroleum Solvent	64742-89-8	40 - 50
n-Butane	106-97-8	20 - 30
Propane	74-98-6	10 - 15

SECTION 3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Aerosol. Will be easily ignited by heat, spark or flames. Prolonged exposure may cause chronic effects.

PRIMARY ROUTES OF ENTRY: Eye, Skin, Ingestion.

EYES: may irritate or burn eyes. Eye contact may result in corneal injury.

SKIN: Prolonged contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

SWALLOWING: Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

INHALATION: Intentional misuse by concentrating and inhaling can be harmful or fatal. Prolonged inhalation may be harmful.

TARGET ORGANS: Central nervous system, lungs.

CHRONIC EFFECTS: Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage. Prolonged skin contact may defat the skin and produce dermatitis.

SYMPTOMS: Discomfort in the chest. Corneal damage. Narcosis. Conjunctivitis. Defatting of the skin. Irritation.

CANCER INFORMATION: No data.

HMIS RATING: Health = 1 Flammability = 4 Reactivity = 0 Personal Protection = See Section 7

HMIS STANDARD: 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

SECTION 4 FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid immediately.

SKIN: Remove contaminated clothing. Wash skin with soap and water. If irritation persists, get medical aid.

SWALLOWING: Call a physician immediately. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance.

INHALATION: Move away from exposure and into fresh air. If breathing is difficult and persists, get medical aid.

NOTE TO PHYSICIANS: No data

SECTION 5 FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: -156 °F (-104.4 °C) Propellant

FIRE & EXPLOSION HAZARDS: Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

EXTINGUISHING MEDIA: Foam. Dry chemical. Carbon dioxide (CO₂). Do not use water jet.

FIRE FIGHTING INSTRUCTIONS: In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SECTION 6 ACCIDENTAL RELEASE MEASURES

CONTAINMENT: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.

SMALL SPILLS: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

LARGE SPILLS: Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later

SECTION 7 EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

EXPOSURE LIMITS - ACGIH

Components	CAS #	TWA	STEL	Ceiling
n-Butane	106-97-8	1000 ppm	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established

EXPOSURE LIMITS - OSHA

Components	CAS #	TWA	STEL	Ceiling
Propane	74-98-6	1000 ppm	Not established	Not established

EYES: Chemical goggles.

SKIN: Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.

RESPIRATORY: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

VENTILATION: General ventilation to maintain exposure below TLV.

OTHER: An eye wash and a source of running water to flush the skin should be readily available.

SECTION 8 HANDLING AND STORAGE

HANDLING: Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Do not use if spray button is missing or defective. Use only with adequate ventilation. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure.

STORAGE: Level 3 Aerosol. Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Level 3 Aerosol. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

SECTION 9 REACTIVITY INFORMATION

STABILITY: Risk of ignition.

INCOMPATIBILITY: Heat, flames and sparks.

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products are known.

HAZARDOUS POLYMERIZATION: No Data.

SECTION 10 PHYSICAL & CHEMICAL DATA

APPEARANCE	Clear colorless compressed liquefied gas. Solvent odor.
BOILING POINT (deg F)	116.6 °F (47.2 °C) estimated
FLAMMABILITY (HOC)	35.3184 kJ/g estimated
FLASH BACK	Yes

FLASH POINT	-156 °F (-104.4 °C) Propellant
FORM	Aerosol.
pH	Not applicable
PHYSICAL STATE	Liquid.
PRESSURE	40 - 50 psig @ 70F
SOLUBILITY	None
SPECIFIC GRAVITY	0.6569 estimated

SECTION 11 TOXICOLOGICAL INFORMATION

Acute effects: Acute LD50: 4137 mg/kg estimated, Rat, Dermal
 Acute LC50: 942 mg/l/4h estimated, Rat, Inhalation

Component analysis - LD50 Toxicology Data - Selected LD50s and LC50s

Aliphatic Petroleum Solvent	64742-89-8	Oral LD50 Mouse 5000 mg/kg; Dermal LD50 Rabbit 3000 mg/kg
n-Butane	106-97-8	Inhalation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h

Sensitization Not expected to be hazardous by OSHA criteria.
 Teratogenicity Not expected to be hazardous by OSHA criteria.

SECTION 12 ECOLOGICAL INFORMATION

Components of this product have been identified as having potential environmental concerns.
 LC50 16.39 mg/L, Fish, 96.00 Hours,
 EC50 1117 mg/L, Daphnia, 48.00 Hours,
 IC50 9205 mg/L, Algae, 72.00 Hours,

SECTION 13 DISPOSAL:

Waste codes: D001: Waste Flammable material with a flash point <140 F
 Disposal instructions: Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements - Basic shipping requirements:

Proper shipping name	Consumer commodity
Hazard class	ORM-D
Subsidiary hazard class	None
Packaging exceptions	156, 306
Packaging non bulk	156, 306
Packaging bulk	None

Additional information:

IMDG Basic shipping requirements:

Proper shipping name	AEROSOLS
Hazard class	2.1
UN number	1950
Packaging exceptions	LTD QTY
Labels required	None

IATA Basic shipping requirements:

Proper shipping name	Aerosols, flammable
Hazard class	2.1
UN number	1950
Packaging exceptions	LTD QTY
Labels required	None

SECTION 15 REGULATORY INFORMATION

USA: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances - Not applicable.

OSHA: 29 CFR 1910.1200 hazardous chemical

CERCLA Reportable Quantity: None

SARA: Section 302 Extremely Hazardous Substance: No

Section 311 Hazardous Chemical: Yes

Hazard Categories (311/312): Immediate Hazard: Yes

Delayed Hazard: Yes

Fire Hazard: Yes

Pressure Hazard: Yes

Reactivity Hazard: No

Chemical Inventory Status - Europe - EINECS - Listed

Chemical Inventory Status - USA & Puerto Rico - TSCA - Listed

State Regulations

Pennsylvania - Right to Know List

Aliphatic Petroleum Solvent	64742-89-8	Present
n-Butane	106-97-8	Present
Propane	74-98-6	Present

SECTION 16 OTHER INFORMATION

No Data

NOTICES

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